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Form PTO-149 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. ISPH-0588	Serial No. 09/918,026
		Applicant Crooke et al.	
		Filing Date July 30, 2001	Group 1635 Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Accad et al., "Massive xanthomatosis and altered composition of atherosclerotic lesions in hyperlipidemic mice lacking acyl CoA:cholesterol acyltransferase 1", <i>J. of Clinical Investigation</i> 2000 105(6):711-719	
	AB	Anderson et al., "Identification of a Form of Acyl-CoA:Cholesterol Acyltransferase Specific to Liver and Intestine in Nonhuman Primates", <i>J. Biol. Chem.</i> 1998 273(41): 26747-26754	
	AC	Bocan et al., "The ACAT Inhibitor Avasimibe Reduces Macrophages and Matrix Metalloproteinase Expression in Atherosclerotic Lesions of Hypercholesterolemic Rabbits", <i>Arterioscler Thromb Vasc Biol.</i> 2000 20:70-79	
	AD	Buhman et al., "Mammalian acyl-CoA:cholesterol acyltransferases", <i>Biochimica et Biophysica Acta</i> 2000 1529:142-154	
	AE	Burnett et al., "Acyl coenzyme A: cholesterol acyltransferase inhibition and hepatic apolipoprotein B secretion", <i>Clinica Chimica Acta</i> 1999 286:231-242	
	AF	Cases et al., "ACAT-2, A Second Mammalian Acyl-CoA:Cholesterol Acyltransferase", <i>J. Biol. Chem.</i> 1998 273(41): 26755-26764	
	AG	Chang et al., "Molecular Cloning and Functional Expression of Human Acyl-Coenzyme A:Cholesterol Acyltransferase cDNA in Mutant Chinese Hamster Ovary Cells", <i>J. Biol. Chem.</i> 1993 268(28):20747-20755	
	AH	Chang et al., "Localization of Acyl Coenzyme A:Cholesterol Acyltransferase Gene to Human Chromosome 1q25", <i>Somatic Cell and Molecular Genetics</i> 1994 20(1):71-74	
	AI	Chang et al., "Immunological Quantitation and Localization of ACAT-2 and ACAT-2 in Human Liver and Small Intestine", <i>J. Biol. Chem.</i> 2000 275(36):28083-28092	
EXAMINER <i>Liu</i>		DATE CONSIDERED <i>11/15/02</i>	



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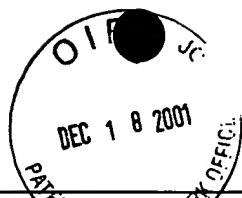
List of Patents and Publications
Cited by Applicant
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Docket No. ISPH-0588	Serial No. 09/918,026
Applicant Crooke et al.	
Filing Date July 30, 2001	Group 635 Not Yet Assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Lly</i>	AJ	Chang et al., "Regulation and Immunolocalization of Acyl-Coenzyme A:Cholesterol Acyltransferase in Mammalian Cells as Studies with Specific Antibodies", <i>J. Biol. Chem.</i> 1995 270(49): 29532-29540
	AK	Chang et al., "ACYL-Coenzyme A:Cholesterol Acyltransferase", <i>Annu. Rev. Biochem.</i> 1997 66:613-638
	AL	Chang et al., "Current, New and Future Treatments in Dyslipidaemia and Atherosclerosis", <i>Drugs</i> 2000 60(1):55-93
	AM	Davignon J., "Prospects for Drug Therapy for Hyperlipoproteinemia", <i>Diabète & Métabolisme</i> 1995 21:139-146
	AN	Dugar et al., "Amides of Piperidine, Morpholine and Piperazine Substituted 1-Phenylethylamines: Inhibitors of AcylCoA:cholesterol Acyltransferase (ACAT) Activity in vitro and in vivo", <i>Bioorganic & Medicinal Chemistry</i> 1995 3(9): 1231-1236
	AO	Farese R.V. Jr., "Acyl CoA:cholesterol acyltransferase genes and knockout mice", <i>Genetics and molecular biology</i> 1998 119-123
	AP	Fazio et al., "Increased atherosclerosis in LDL receptor-null mice lacking ACAT1 in macrophages", <i>The J. of Clinical Investigation</i> 2001 107(2):163-171
	AQ	Krause et al., "ACAT Inhibitors: Physiologic Mechanisms for hypolipidemic and Anti-A Therosclerotic Activities in Experimental Animals", <i>Inflammation:Mediators and Pathways</i> 173-197
<i>Lly</i>	AR	Lee et al., "Inhibitors of ACYL-COA:Cholesterol O-Acyltransferase (ACAT) as Hypocholesterolemic Agents: Synthesis and Structure-Activity Relationships of Novel Series of Sulfonamides, Acylphosphonamides and Acylphosphoramides", <i>Bioorganic & Medical Chemistry Letters</i> 1998 289-294
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Group **1635**
Not Yet Assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>SP</i>	AS	Lee et al., "Cholesterol-Lowering Activity of Naringenin via Inhibition of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase and Acyl Coenzyme A:Cholesterol Acyltransferase in Rats", <i>Ann Nutr Metab</i> 1999 43:173-180
<i>SP</i>	AT	Li et al., "Human Acyl-CoA:Cholesterol Acyltransferase-1 (ACAT-1) Gene Organization and Evidence That the 4.3-Kilobase ACAT-1 mRNA Is Produced from Two Different Chromosomes", <i>J. Biol. Chem.</i> 1999 274(16):11060-11071
<i>SP</i>	AU	Matsuda K., "ACAT Inhibitors as Antiatherosclerotic Agents:Compounds and Mechanisms", <i>Medical Research Reviews</i> 1994 14(3):271-305
<i>SP</i>	AV	Matsuda et al., "Activation of acyl-coenzyme A:cholesterol acyltransferase activity by cholesterol is not due to altered mRNA levels in HepG2 cells", <i>Biochimica et Biophysica Acta</i> 1996 76-84
<i>SP</i>	AW	Meiner et al., "Disruption of the acyl-CoA:cholesterol acyltransferase gene in mice: Evidence suggesting multiple cholesterol esterification enzymes in mammals", <i>Proc. Natl. Acad. Sci. USA</i> 1996 93:14041-14046
<i>SP</i>	AX	Meiner et al., "Tissue expression studies on the mouse acyl-CoA:cholesterol acyltransferase gene (Acact):findings supporting the existence of multiple cholesterol esterification enzymes in mice", <i>Journal of Lipid Research</i> 1997 38:1928-1933
<i>SP</i>	AY	Nicolosi et al., "The ACAT inhibitor, CI-1011 is effective in the prevention and regression of aortic fatty streak area in hamsters", <i>Atherosclerosis</i> 1998 137:77-85
<i>SP</i>	AZ	O'Brien et al., "Inhibitors of Acyl-CoA:Cholesterol O-Acyltransferase. Synthesis and Pharmacological Activity of (+)-2-Dodecyl- α -phenyl-N-(2,4,6-trimethoxyphenyl)-2H-tetrazole-t-acetamide and Structurally Related Tetrazole Amide Derivatives", <i>J. Med. Chem.</i> 1996 39:2354-2366
<i>SP</i>	BA	Oelkers et al., "Characterization of Two Human genes Encoding Acyl Coenzyme A: Cholesterol Acyltransferase-related Enzymes", <i>The Journal of Biological Chemistry</i> 1998 273(41):26765-26771

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DATE CONSIDERED

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		Filing Date July 30, 2001	Group 1635 Not Yet Assigned

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<i>Lly</i>	BB	Roth B.D., "ACAT inhibitors: evolution from cholesterol-absorption inhibitors to antiatherosclerotic agents", <i>DDT</i> 2998 3(1):19-25
<i>L</i>	BC	Rudel et al., "Cholesterol esters and atherosclerosis-a game of ACAT and mouse", <i>Nature Medicine</i> 2000 6(12):1313-1314
	BD	Rudel et al., "Acyl coenzyme A:cholesterol acyltransferase types 1 and 2: structure and function in atherosclerosis", <i>Curr Opin Lipidol</i> 2001 12:121-127
	BE	Sellers et al., "Altered Hemostasis in Male Rats Following Administration of the ACAT Inhibitor SKF-99085", <i>Toxicological Sciences</i> 1998 46:151-154
	BF	Seo et al., "Differential Modulation of ACAT1 and ACAT2 Transcription and Activity by Long Chain Free Fatty Acids in Cultured Cells", <i>Biochemistry</i> 2001 40:4756-4762
	BG	Tanaka et al., "Inhibitors of acyl-CoA:cholesterol O-acyltransferase (ACAT). Part 1: Identification and structure-activity relationships of a novel series of substituted N-alkyl-N-biphenylmethyl-N ¹ -arylpiperazinines", <i>Bioorganic & Medicinal Chemistry</i> 1998 6:15-30
	BH	Tanaka et al., "Inhibitors of Acyl-CoA:Cholesterol O-Acyltransferase. 2. Identification and Structure-Activity Relationships of a Novel Series of N-Alkyl-N-(heteroaryl-substituted benzyl)-N ¹ -arylpiperazinines", <i>J. Med. Chem.</i> 1998 41:2390-2410
	BI	Tanaka et al., "Synthesis, X-ray Crystal Structure, and Biological Activity of FR186054, a Novel, Potent, Orally Active Inhibitor of Acyl-CoA:Cholesterol O-Acyltransferase (ACAT) Bearing a Pyrazole Ring", <i>Bioorganic & Medicinal Chemistry Letters</i> 1998 8:81-86
<i>Lly</i>	BJ	Tanaka et al., "Inhibitors of Acyl-CoA:Cholesterol O-Acyltransferase. 3. Discovery of a Novel Series of N-Alkyl-N-[fluorophenoxy] benzyl]-N ¹ -arylpiperazinines with Weak Toxicological Effects on Adrenal Glands", <i>J. Med. Chem.</i> 1998 41:4408-4420

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Filing Date
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Group 1635
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SP	BK	Uelmen et al., "Tissue-specific Expression and Cholesterol Regulation of Acylcoenzyme A:Cholesterol Acyltransferase (ACAT) in Mice", <i>Journal of Biological Chemistry</i> 1995 270(44):26192-26201
1	BL	Vaccaro et al., "Inhibitors of Acyl CoA:Cholesterol Acyltransferase", <i>J. Med. Chem.</i> 1996 39:1074-1719
1	BM	Wang et al., "Gene Expression of Acyl Coenzyme A Cholesterol Acyltransferase Is Upregulated in Human Monocytes During Differentiation and Foam Cell Formation" <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> 1996 16(6):809-814
1	BN	White et al., "Heterocyclic Amides: Inhibitors of Acyl-CoA:Cholesterol O-Acyl Transferase with Hypocholesterolemic Activity in Several Species and Antiatherosclerotic Activity in the Rabbit", <i>J. Med. Chem.</i> 1996 39:3908-3919
SP	BO	Yagyu et al., "Absence of ACAT-1 Attenuates Atherosclerosis but Causes Dry Eye and Cutaneous Xanthomatosis in Mice with Congenital Hyperlipidemia", <i>Journal of Biological Chemistry</i> 2000 275(28):21324-2133

EXAMINER

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U.S. Department of Commerce Patent and Trademark Office	Group 1635 Not Yet Assigned	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>LL</i>	AC	WO 94/09126	28-4-94	PCT	x	
	AD	JP 6 172186	6 21 94	JAPAN		x

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